

10/579040

Atty. Dkt. No. 040373-0386

10 MAY 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazuaki KUNIHIRO

Title: HIGH-FREQUENCY AMPLIFIER

Appl. No.: Unassigned

Filing Date: May 10, 2006

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to
Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being
submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not
intended as an admission that such document constitutes prior art against the claims of the
present application or that such document is considered material to patentability as defined in
37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be
appropriate to antedate or otherwise remove as a competent reference any document which is
determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

RELEVANCE OF EACH DOCUMENT

Document A1 is a U.S. counterpart of Document A5.

Document A2 is a U.S. counterpart of Document A6.

Document A3 is a U.S. counterpart of Document A10.

Document A4 is a U.S. counterpart of Document A11.

The relevance of Document A5 is described in the present specification.

Document A6 relates to a triplex circuit and stacked chip triplex which accurately divide signals inputted at an input terminal and outputs the signals belonging to three frequency bands at three different output terminals.

Document A7 relates to a high-frequency amplifier in which frequency dependence can be reduced and matching circuits can be configured easily.

Document A8 relates to a power amplifier circuit which prevents the destruction of an amplifier element and which realizes efficient amplification in a power amplifier circuit amplifying the signals of plural frequency bands.

Document A9 relates to a filter device and electronic circuit device containing a filter which can reduce the size and cost of an electronic circuit device and to provide an electronic circuit device capable of miniaturizing and reducing the cost.

Document A10 relates to a high frequency amplifier which amplifies two kinds of high frequency signals at different frequency bands.

Document A11 relates to a plural-frequency-band highly efficient linear power which reduces the number of component elements in order to simplify circuit constitution and to make a circuit space small.

Document A12 relates to a broad band amplifier which compares a frequency within a stored frequency range so as to select an input side matching circuit and an output side matching circuit offering the best adaptability to the frequency and connecting the selected circuits to an amplifier element.

Document A13 relates to an amplifier for a microwave band which attains amplification with plurality different frequencies by providing an input matching circuit group to the input side of the amplifier device.

Documents A14 to A19, listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner. An English translation of the foreign-language documents is not readily available. However, the absence of such translation does not relieve the PTO from its duty to consider the submitted foreign language documents (37 CFR §1.98 and MPEP §609). English language abstracts are attached.

Applicant respectfully requests that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

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1AP20 Rec'd PCT/PTO 10 MAY 2006

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date: May 10, 2006

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 10, 2006 <i>(use as many sheets as necessary)</i>				Application Number <i>Unassigned</i> 1579040 Filing Date <i>May 10, 2006</i> First Named Inventor <i>Kazuaki KUNIHIRO</i> Group Art Unit <i>Unassigned</i> Examiner Name <i>Unassigned</i> Attorney Docket Number <i>040373-0386</i>	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A1	7,027,777	B2		URIU et al.	04-11-2006	
A2	6,876,840	B2		SHIN et al.	04-05-2005	
A3	6,121,840			SAKUSABE	09-19-2000	
A4	5,973,557			MIYAJI et al.	10-26-1999	

U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
A5	JP	2003-204284	A		MATSUSHITA ELEC IND.	07-18-2003		A
A6	JP	2003-198309	A		SAMSUNG ELECTRO	07-11-2003		A
A7	JP	2003-198288	A		mitsubishi ELEC CORP	07-11-2003		A
A8	JP	11-112363			ICOM INC.	04-23-1999		A
A9	JP	11-088011			TAIYO YUDEN CO. LTD.	03-30-1999		A
A10	JP	10-242776			MURATA MFG CO. LTD.	09-11-1998		A
A11	JP	10-190379			MATSUSHITA ELEC IND.	07-21-1998		A
A12	JP	05-037255			mitsubishi ELEC CORP	02-12-1993		A
A13	JP	04-047701			FUJITSU LTD.	02-17-1992		A
A14	JP	2003-198418			KYOCERA CORP.	07-11-2003		A
A15	JP	2003-168996			MATSUSHITA ELEC IND.	06-13-2003		A
A16	JP	2003-115736			MURATA MFG CO. LTD.	04-18-2003		A
A17	JP	2002-141764			HITACHI METALS LTD.	05-17-2002		A
A18	JP	11-097946			MATSUSHITA ELEC IND.	04-09-1999		A
A19	JP	62-155536				10-02-1987		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
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Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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